

AQUEOUS ERASABLE INK COMPOSITION FOR MARKING PEN

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Abstract of JP10025442

PROBLEM TO BE SOLVED: To obtain an aqueous erasable ink composition for marking pens that is excellent in erasability and storage stability by incorporating water, a coloring agent, an emulsion of an oily substance, a cyclodextrin, a resin, and a specified surface-active agent. **SOLUTION:** This aqueous erasable ink composition for marking pens is obtained by incorporating (A) water as a solvent, (B) a coloring agent (e.g. copper phthalocyanine blue), (C) an emulsion of an oily substance hardly volatile at normal temperatures, (D) a cyclodextrin or its derivative (e.g., glycocyclodextrin), (E) a resin (e.g. a vinyl acetate/acrylic acid copolymer), and (F) a surface-active agent selected from among sulfoaliphatic acid esters (e.g. dioctyl sulfosuccinate) and polyoxyethylene ethers (e.g. a polyoxyethylene phenyl ether). As the oily substance as the component (C), aliphatic carboxylic acid esters (e.g. butyl stearate), higher hydrocarbons, higher alcohols, etc., can be used.

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